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and 2nd FREE

ISSWorld Asia

Intelligence Support Systems for Electronic Surveillance,
Social Media/DarkNet Monitoring and Cyber Threat Detection

5-7 SEPTEMBER 2023 • SHANGRI-LA HOTEL • SINGAPORE

ADINT / SOCINT
Monitoring

Defeating
Encryption

Cyber Threat
Detection

Where Law Enforcement,
Government Intelligence Agencies and
Financial Crime Investigators turn for
Technical Training and Product Selection

Mobile
Tracking &
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Social
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89 LEA/Interior Security/Intel Training Sessions and Courses to Choose From

5-7 SEPTEMBER 2023 • SHANGRI-LA HOTEL • SINGAPORE

ISS World Asia is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Analysts, Telecoms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering.

ISS World Programs present the methodologies and tools for Law Enforcement, Public Safety, Government and Private Sector Intelligence Communities in the fight against drug trafficking, cyber money laundering, human trafficking, terrorism and other criminal activities conducted over today's telecommunications network, the Internet and Social Media.

Track 1

Lawful Interception and Criminal Investigation Training

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Track 4

Threat Intelligence Gathering and Cyber Security Product Training

Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

Track 6

Mobile Signal Intercept Training and Product Demonstrations

Track 7

Electronic Surveillance Training and Product Demonstrations

Track 8

5G Lawful Intercept, Tracking and Forensics Product Training

Plus Special Training Seminars lead by Law Enforcement Officers and Ph.D. Scientists

ISS World Asia 2023 Agenda

Advanced HI-Tech Cyber Investigation Training Seminars Led by Law Enforcement Officers and Ph.D Computer Scientists Training Seminars Led by Law Enforcement Officers and Ph.D., Computer Scientists

20 classroom training hours, presented by Law Enforcement Officers and Ph.D. Scientists

- **Charles Cohen**, Vice President at **NW3C**, the **National White Collar Crime Center**, Professor in Practice Criminal Justice, **Indiana University** and Retired Captain, **Indiana State Police** (6 classroom hours)
- **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police** (7 classroom hours)
- **Jerry Lucas** (Ph.D., Physics), President, **TeleStrategies** (2 classroom hours)
- **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies** (3 classroom hours)

Tuesday, 5 September 2023

Seminar #1

08:30-15:00

Online Social Media and Internet Investigations

- Presented by: **Charles Cohen**, Vice President at **NW3C**, the **National White Collar Crime Center**, Professor in Practice Criminal Justice, **Indiana University** and Retired Captain, **Indiana State Police**

ISS World Asia Exhibit Hours

Wednesday, 6 September 2023

10:00-18:00

Thursday, 7 September 2023

10:00-13:30

8:30-9:15

Proxies and VPNs: Identity Concealment and Location Obfuscation

9:30-10:15

Tor, onion routers, Deepnet, and Darknet: An Investigator's Perspective

10:30-11:15

Tor, onion routers, Deepnet, and Darknet: A Deep Dive for Criminal Investigators

11:30-12:15

Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks

13:15-14:00

Ultra-Wideband Geolocation and Cyber OSINT

14:15-15:00

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox

Seminar #2

8:30-15:00

Practitioners Guide to Internet Investigations

- Presented by: **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

The aim of this 1-day seminar is to take the attendees from the basics of understanding the Internet, how to find data, through to a full understanding of best practice of an Internet investigator, building their OSINT toolbox, and having awareness and knowledge of all the tools available to achieve this. It is aimed primarily at the investigator, delivered from the perspective of detective, to empower them to have the best methodology and tradecraft to profile and catch suspects.

This is exclusively Law Enforcement only, as Practical examples, covert and investigative methodology and tradecraft will be given throughout the seminar.

5-7 SEPTEMBER 2023 • SHANGRI-LA HOTEL • SINGAPORE

8:30-9:15

The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators

9:30-10:15

Recognizing Traffic Data and digital profiling via social networks and devices - digital shadows

10:30-11:15

WIFI, geolocation, and Mobile Data traces and tracking

11:30-12:15

Awareness of Emerging Technologies, Masking Tech and Tools, TOR and proxies

13:15-14:00

Advanced Techniques in Tracing Suspects, and lateral problem solving

14:15-15:00

Open Source Tools, PART 1. Resources, tradecraft and techniques - highlighting the best free tools and resources

Seminar #3

8:30-9:15

Understanding Mobile 2G, 3G, 4G & 5G NSA Infrastructure and Law Intercept for Technical Investigators

- Presented by: **Dr. Jerry Lucas**, President, **TeleStrategies**

This session addresses the infrastructure evolution of 2G to 3G to 4G to 5G NSA and the impact on lawful interception.

Seminar #4

9:30-10:15

Understanding 5G Stand Alone, NFV, Edge Computing and Network Slicing

- Presented by: **Matthew Lucas** (Ph.D., Computer Science), VP, **TeleStrategies**

Cellular market analysts collectively have identified 5G services deployed in over 400 cities spread over 30 or so countries. The one common feature of all these operations is that they are providing 5G services with a 4G/5G hybrid network infrastructures or so called non-Stand Alone (NSA) architecture. This session addresses the transition to 5G stand alone.

Seminar #5

10:30-11:15

Defeating Network Encryption: What Law Enforcement and The Intelligence community Needs to Understand

- **Matthew Lucas** (Ph.D., Computer Science, VP, **TeleStrategies**)

Seminar #6

11:30-12:15

Locating and Tracking Devices by MAC Addresses and app-based SDKs: Limitations and Emerging OS-based Privacy Measures (e.g., Apple/Google)

- **Matthew Lucas** (Ph.D., Computer Science, VP, **TeleStrategies**)

Thursday, 7 September 2023

Seminar #7

11:45-12:30

Open Source Tools, PART 2. Top 20 FREE Open Source Tools (OSINT) Used in Cybercrime Investigations

- Presented by: **Mark Bentley**, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

Wednesday, 6 September 2023

8:15-8:30

Welcoming Remarks

- **Tatiana Lucas**, ISS World Program Director, **TeleStrategies**

8:30-9:00

Top Ten Internet Challenges Facing Law Enforcement and the Government Intelligence Community and Who at ISS World Asia has Solutions

- **Dr. Jerry Lucas**, President, **TeleStrategies**

Track 1

Lawful Interception and Criminal Investigation Training

This track is for Telecom Operators and Law Enforcement/Intelligence/Defense Analysts who are responsible for specifying or developing lawful intercept network infrastructure.

Tuesday, 5 September 2023

14:15-15:00

Accelerating investigation workflows with specially designed IT- and phone forensic laboratories

Cyfluene, fake news and campaign detection

- **Stefan Heimgaertner**, **mh Service GmbH**

Wednesday, 6 September 2023

13:45-14:30

Mobile tracking & geodata-driven investigations

- Presented by **Intersec**

Track 2

LEA, Defense and Intelligence Analyst Product Demonstrations

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, 5 September 2023

08:30-09:15

Complex investigation Use Cases.

Multiple Cyber Intelligence tools coordinated to achieve significative results.

- Presented by **AREA**

09:30-10:15 **SESSION A**

Cyclops Analysis: Determine the impact of Carrier in Carrier technology on your satellite monitoring capabilities.

- Presented by **VASTech**

09:30-10:15 **SESSION B**

Wireless Spatial Intelligence Analysis and Location under 24Ghz

- Presented by **Sinovatio**

10:30-11:15 **SESSION A**

The Future of Lawful Intelligence: fusing OSINT and high-accuracy location with voice and other data sources for quick identity resolution

- Presented by **SS8**

10:30-11:15 **SESSION B**

Anonymity vs. You: Accelerated WEBINT insights to identify virality, influencers and unmask suspects across social networks

Smart Methods to Identify Virality, Bots & Personally Identifiable Information

- Presented by ClearTrail

11:30-12:15 **SESSION A**

Combating terrorism, espionage and crime by combining mobile network metadata, mass positioning, and intelligent profiling in real-time

- Oskar Axelsson, Product Manager, Xolaris

11:30-12:15 **SESSION B**

Fighting Crime with Cutting-Edge Speech Technologies

In this session, you will discover the latest capabilities of voice biometrics and speech recognition and how these technologies can help law enforcement agencies fight crime efficiently.

- Presented by Phonexia

13:15-14:00 **SESSION A**

Matson next generation Mediation system

- Presented by Matison

13:15-14:00 **SESSION B**

Digital Investigation Transformation.

- Presented by Magnet Forensics

14:15-15:00 **SESSION A**

Geo-monitoring and profiling covering all connected devices and networks (3/4/5G and WiFi) globally

- VP Sales and Marketing, GeoGence

14:15-15:00 **SESSION B**

Voice Analysis and speaker identification in covert surveillance

- Presented by Gedion

15:15-16:00 **SESSION A**

The Harvester: integrated AI-powered platform for processing and analysis of massive audio, text, video and image data, designed for LEA and Intelligence.

- Presented by Mathesis

15:15-16:00 **SESSION B**

Unmasking Risks with Data for Government (National Security)

- Presented by Moody's Analytics

Wednesday, 6 September 2023

13:00-13:40 **SESSION A**

Follow your suspect down the Rabbit Hole.

- Presented by AREA

13:00-13:40 **SESSION B**

ORCA - rule the ocean of metadata

- Presented by VASTech

13:00-13:40 **SESSION C**

Pulling Intelligence from the Edge

- Presented by JSI

13:45-14:30 **SESSION A**

Revolution in Audio Investigations

- Presented by Phonexia

13:45-14:30 **SESSION B**

Dark what?! Telegram is now the hub for hackers, fraudsters and other criminals

- Presented by S2T

13:45-14:30 **SESSION C**

Streamlining law enforcement and national security communities through convergent intelligence and security technologies

- Oskar Axelsson, Product Manager, Xolaris

15:00-15:40 **SESSION A**

Simplify investigation with one platform

- Presented by ATIS

15:00-15:40 **SESSION B**

CDRs of WhatsApp, Signal, Telegram and other encrypted VoIP messaging applications

- Presented by ClearTrail

15:00-15:40 **SESSION C**

Human weakness vs Device Weakness

- Presented by RCS S.p.A.

16:20-17:00 **SESSION A**

Every piece of data tells a story - combine and analyze data from any source in your digital investigation.

- Mark Uldahl, CTO, XCI A/S

16:20-17:00 **SESSION C**

Early detection of malware, bots and advanced persistent threats (APTs) on high-speed networks at a national scale

- Presented by ClearTrail

Thursday, 7 September 2023

08:30-09:10 **SESSION A**

Fibre Signal Analysis: What intelligence value does a fibre link contain?

- Presented by VASTech

9:15-10:00 **SESSION B**

Encryption Vs You: Identify potential suspects through mass IP metadata analysis at a countrywide scale

- Presented by ClearTrail

11:00-11:40 **SESSION A**

New perspectives for Strategic Investigation - Latest Innovations!

- Presented by Trovicor

11:00-11:40 **SESSION B**

How to empower the local workforce and enhance their capabilities in the fields of Lawful Interception

- Presented by Butterfly Effect

Track 3

Social Network Monitoring, Artificial Intelligence and Analytics Product Training

Sessions in this track are only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees, unless marked otherwise.

Tuesday, 5 September 2023

08:30-09:15 **SESSION A**

Massive Social Media data collection and analysis for Counter-Terrorism Intelligence Activities

- Presented by IPS

08:30-09:15 **SESSION B**

Investigate, prevent and mitigate risks of riots, terrorism, and crimes through a country-wide geo analytical AI.

- Presented by Butterfly Effect

09:30-10:15 **SESSION A**

WhatsApp, Telegram, Facebook... how IPS helps you to locate most wanted targets with LI

- Presented by IPS

09:30-10:15 **SESSION B**

No data scientists? No problem! Intuitive AI for SOCMINT

- Presented by Fivecast

10:30-11:15

Unique Social Media Relation and ID-Mapping Solution Against Encryption Challenges

- Presented by Sinovatio

11:30-12:15

Next Generation Data Fusion Monitoring Center: new ways of gathering intelligence

- Presented by RCS S.p.A.

13:15-14:00

LEVARAGING THE BIG DATA POWERHOUSE TO ADDRESS THE FINANCIAL CRIME OF ANTI MONEY LAUNDERING (AML)

- Omri Raiter, RAKIA Group

14:15-14:35

Automatic Exploitation of Social Network, Deep and Dark Web to complement traditional Lawful Interception Infrastructure for Target Profiling.

- Presented by IPS

14:35-15:00

Cyber Threat Intelligence to accelerate online investigations

- Presented by IPS

15:15-16:00 **SESSION A**

Using AI to Tame the Data Deluge: Promise and Peril

- Presented by Babel Street

15:15-16:00 **SESSION B**

Hybrid threats in current conflicts revealed with OSINT tools

- Stavros Vologianidis, Founder, DataScouting

Wednesday, 6 September 2023

09:10-10:00 **SESSION A**

Overview of the Info-stealer Eco System on the deep & dark web

- Presented by S2W

09:10-10:00 **SESSION B**

BIG DATA PLATFORM - A comprehensive, practical guide to getting the most out of your DATA

- Omri Raiter, RAKIA Group

13:00-13:40

Monitoring maritime crime and threats in supply chain using OSINT

- Presented by S2T

13:45-14:30

Using OSINT with visual link analysis to enhance your investigations

- Presented by Maltego

15:00-15:45 **SESSION A**

Supercharged IPDR extraction and analysis - Advanced Internet Activity Analytics

- Presented by Trovicor

16:20-17:00 **SESSION A**

Finding the Relevant Pieces of the Puzzle across Multiple Data Sources and Identifying Targets to Discover Real Identities

- Presented by Innosystec

16:20-17:00 **SESSION B**

From Terabit per second network to intelligence: achieve full communication awareness unleashing the power of advanced metadata with dedicated Cyber intelligence solution.

Use cases and demonstration.

- Presented by AREA

Thursday, 7 September 2023

08:30-09:10 **SESSION B**

Siren - The importance of search across multiple data sources in Law Enforcement and National Security

- Presented by Siren

09:15-10:00

COUNTER ILLEGAL ACTIVITY- From a mere hint to real threat mitigation!

- Omri Raiter, RAKIA Group

11:00-11:40 **SESSION A**

Simplify investigation with one platform

- Presented by ATIS

11:45-12:30

Open Source Tools, PART 2. Top 20 FREE Open Source Tools (OSINT) Used in Cybercrime Investigations

- Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 4

Threat Intelligence Gathering and Cyber Security Product Training

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees

Tuesday, 5 September 2023

09:30-10:15

The Investigation Cycle: Enhance Your Investigation with Multiple Sensors

- Presented by Rayzone Group

10:30-11:15 **SESSION A**

Back to the Future Using ADINT Solutions

- Presented by Rayzone Group

10:30-11:15 **SESSION B**

Cost effective cyber monitoring using all-optical switching

- Presented by Huber+Suhner

13:15-14:00

When Spyware Turns Phones Into Weapons: Addressing Mobile Devices Software and Hardware Vulnerabilities to Save Your Organization

- Presented by Feedback Italia

Wednesday, 6 September 2023

9:10-10:00

Meet the Expert: Dive Deep into the Challenges of Big Data Fusion

- Presented by Rayzone Group

13:45-14:30 **SESSION B**

Cybersecurity Reinvented: Navigating the Landscape of Secure Communication in the Age of Threats, Hardware Vulnerabilities, and Post-Quantum Computing

- Presented by Feedback Italia

16:20-17:00

Early warning threat detection solution based on mobile, IOT Devices and IPs profiling networks (3/4/5G and WiFi) globally

- VP Sales and Marketing, GeoGence

Track 5

Investigating DarkWeb, Bitcoin, Altcoin and Blockchain Transaction

This track is for law enforcement and private enterprise investigators who have to monitor and investigate the DarkNet along with Bitcoin transactions associated with criminal activities

Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly.

Tuesday, 5 September 2023

11:30-12:15

Sentinel Protocol: Providing Deep Insights Into Cryptocurrency Crime and Money Laundering Techniques

- Presented by Uppsala Pte Ltd

13:15-14:00 **SESSION A**

Live Demonstration of DarkOwl Vision: Darknet Intelligence Discovery and Collection

- David Alley, CEO, DarkOWL FZE

13:15-14:00 **SESSION B**

Crypto trends and the power of blockchain to safeguard the industry

- Presented by Chainalysis

Wednesday, 6 September 2023

9:10-10:00

Money Laundering You Say ? Insights from a Dataset of 1500 Cryptocurrency Cases

- Presented by Uppsala Pte Ltd

13:00-13:40

Offline darknet investigation with the Web-I-Qube

- Stefan Heimgaertner, mh Service GmbH

Track 6

Mobile Signal Intercept Product Training and Demonstrations

This track is for Law Enforcement, Interior Security and the Government Intelligence Community who must work with cellular and mobile satellite operators regarding mobile location, electronic surveillance and RF intercept.

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Tuesday, 5 September 2023

08:30-09:15

Understanding Mobile 2G, 3G, 4G and 5G NSA Infrastructure, Intercept and Cryptography

- Dr. Jerry Lucas, President, TeleStrategies

11:30-12:15

VSAT Networks: Tactical and Strategic Threat Detection and Geolocation

• Presented by Kratos

15:15-16:00

Polaris Fusion - The Power of Locations

• Jens Scheithauer, Rheinmetall

Thursday, 7 September 2023

9:15-10:00

Lawful Access to Location with Intersec GeoSafe LI

• Presented by Intersec

Track 7

Electronic Surveillance Training and Product Demonstrations

This track is for law enforcement investigators and the government intelligence community who are responsible for deploying video, audio and GPS surveillance products and only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Wednesday, 6 September 2023

13:45-14:30

Next generation of tactical microphone arrays from Squarehead Technology

• Vibeke Jahr, COO and Founder, Squarehead Technology

15:00-15:40

See it. Hear it. Try it - The latest and greatest from Spectronic Denmark

• Presented by Spectronic Denmark

Thursday, 7 September 2023

8:30-9:10

Electronic Surveillance solutions family.

• Presented by AREA

11:45-12:30

Geo-time link analysis, merging historical Communication Data, (CDR/DR/CD), live lawful interception data (IRI/CDR), Social media communication and computer and mobile forensics extraction.

Use cases and demonstration.

• Presented by AREA

Track 8

5G Lawful Interception Product Training

This track is open to all conference attendees unless marked otherwise.

Note: Some sessions are only open to LEA and Government. These sessions are marked accordingly.

Tuesday, 5 September 2023

09:30-10:15

Understanding 5G Stand Alone NFV, Edge Computing and Network Slicing

• Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

Wednesday, 6 September 2023

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

15:00-15:40

Tactical 5G ID resolution

• Presented by EXFO

16:20-17:00

Advanced geolocation with mobile carriers, enhanced by 5G

• Presented by Intersec

Thursday, 7 September 2023

(THIS SESSION IS ONLY OPEN TO LEA AND GOVERNMENT ATTENDEES)

11:00-11:40

5G Enabled LEMF

Deployment scenarios and live demo.

• Presented by AREA

Registration Information *Save \$300 by registering before 22 July 2023*

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ISS World Conference Training Tracks 1 thru 8
and Day 1 Seminars plus Exhibits\$995
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If you need Visa assistance to attend ISS World, please contact Tatiana Lucas at talucas@telestrategies.com

Conference by Invitation Only:

To attend ISS World you must be a Telecommunications Service Provider, government employee, LEA or vendor with LI, surveillance or network products or services. If you have questions e-mail Tatiana Lucas at talucas@telestrategies.com.

Registration

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